

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
MBHB Case No. 05-551**

IN THE APPLICATION OF:	)	
	)	
Ronan Diffily et al.	)	Examiner: TBA
	)	
Serial No. 10/540,087	)	
	)	Group Art Unit: TBA
International Application No. PCT/IE03/00172	)	
	)	Confirmation No. 6432
I.A. Filing Date: December 19, 2003	)	
	)	
Title	)	
Frequency Setting of a Multisection	)	
Laser Diode Taking into Account	)	
Thermal Effects	)	

**TRANSMITTAL LETTER**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

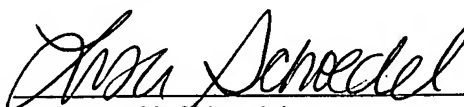
Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Response to Notification of Missing Requirements;
  - b. Executed Declaration and Power of Attorney;
  - c. Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected office (DO/EO/US);
  - d. Petition for Two-Month Extension of Time; and
  - e. Postcard.
2. With respect to additional fees:
  - a.   X   Attached is a check in the amount of \$450.00.
  - b.   X   Charge any additional fees or credit any overpayment to our Deposit Account No. **13-2490**. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: January 17, 2006

By



Lisa M. Schoedel  
Reg. No. 53,564

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
MBHB Case No. 05-551**

IN THE APPLICATION OF:	)	
	)	
Ronan Diffily et al.	)	Examiner: TBA
	)	
Serial No. 10/540,087	)	
	)	Group Art Unit: TBA
International Application No. PCT/IE03/00172	)	
	)	Confirmation No. 6432
I.A. Filing Date: December 19, 2003	)	
	)	
Title Frequency Setting of a	)	
Multisection Laser Diode Taking	)	
into Account Thermal Effects	)	

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Response to Notification of Missing Requirements Under 35 U.S.C. 371, dated October 6, 2005, there are enclosed herewith:

- (a) Declaration & Power of Attorney executed on behalf of Ronan Diffily, David McDonald and Tommy Mullane;
- (b) Our check in the amount of \$450.00 to cover the extension fee;
- (c) Request for Two-Month Extension of Time; and
- (d) A copy of Notification for Missing Requirements.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be

included herein, the Commissioner is authorized to deduct or credit said fees from or to McDonnell Boehnen Hulbert & Berghoff LLP, Account No. 13-2490.

Please date stamp and return the accompanying postcard to evidence receipt of these documents.

Respectfully Submitted,  
McDonnell Boehnen Hulbert & Berghoff LLP

Date: January 17, 2006

By

A handwritten signature in cursive script, appearing to read "Lisa M. Schoedel", written over a horizontal line.

Lisa M. Schoedel  
Reg. No. 53,564



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/540,087	Ronan Diffily	05-551

20306  
 MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP  
 300 S. WACKER DRIVE  
 32ND FLOOR  
 CHICAGO, IL 60606

INTERNATIONAL APPLICATION NO.	
PCT/IE03/00172	
I.A. FILING DATE	PRIORITY DATE
12/19/2003	12/20/2002

**CONFIRMATION NO. 6432**  
**371 FORMALITIES LETTER**



\*OC000000017160635\*

Date Mailed: 10/06/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/20/2005
- Copy of the International Search Report filed on 06/20/2005
- Preliminary Amendments filed on 06/20/2005
- U.S. Basic National Fees filed on 06/20/2005
- Priority Documents filed on 06/20/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

*A copy of this notice **MUST** be returned with the response.*

**DOCKETED**

OCT 17 2005

PATRICIA A BOOKER

DUE DATE: 12-6-05  
 BY:

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/540,087	PCT/IE03/00172	05-551

FORM PCT/DO/EO/905 (371 Formalities Notice)